

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/249,182DATE: 06/16/94
TIME: 11:23:24

INPUT SET: S3070.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

1 SEQUENCE LISTING

2
3 (1) General Information:4
5 (i) APPLICANT: STRACKE, MARY; LIOTTA, LANCE;
6 SCHIFFMANN, ELLIOTT; KRUTZSCH,
7 HENRY
89 (ii) TITLE OF INVENTION: MOTILITY STIMULATING
10 PROTEIN USEFUL IN CANCER DIAGNOSIS AND
11 THERAPY
1213 (iii) NUMBER OF SEQUENCES: 54
14

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: MORGAN & FINNEGAN
17 (B) STREET: 345 PARK AVENUE
18 (C) CITY: NEW YORK
19 (D) STATE: NEW YORK
20 (E) COUNTRY: U.S.A.
21 (F) ZIP: 10154
22

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: Floppy Disk
25 (B) COMPUTER: IBM PC compatible
26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
27 (D) SOFTWARE: WordPerfect 5.1
28

29 (vi) CURRENT APPLICATION DATA:

30 (A) APPLICATION NUMBER:
31 (B) FILING DATE: 25-MAY-1994
32 (C) CLASSIFICATION:
33

34 (vii) PRIOR APPLICATION DATA

35 (A) APPLICATION NUMBER: 07/822,043
36 (B) FILING DATE: 17-JAN-1992
37

38 (viii) ATTORNEY/AGENT INFORMATION:

39 (A) NAME: DOROTHY R. AUTH
40 (B) REGISTRATION NUMBER: 36,434
41 (C) DOCKET NUMBER: 2026-4149US142
43 (ix) TELECOMMUNICATION INFORMATION:44 (A) TELEPHONE: (212) 758-4800
45 (B) TELEFAX: (212) 751-6849
46

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Reference/Docket Number:

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47
48 (2) INFORMATION FOR SEQ ID NO:1:
49
50 (i) SEQUENCE CHARACTERISTICS:
51 (A) LENGTH: 5
52 (B) TYPE: amino acid
53
54
55
56
57
58
59
60 (D) TOPOLOGY: linear
61
62
63 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
64
65 Trp His Val Ala Arg
66 1 5
67
68 (2) INFORMATION FOR SEQ ID NO:2:
69
70 (i) SEQUENCE CHARACTERISTICS:
71 (A) LENGTH: 6
72 (B) TYPE: amino acid
73 (D) TOPOLOGY: linear
74
75
76 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
77
78 Pro Leu Asp Val Tyr Lys
79 1 5
80
81 (2) INFORMATION FOR SEQ ID NO:3:
82
83 (i) SEQUENCE CHARACTERISTICS:
84 (A) LENGTH: 5
85 (B) TYPE: amino acid
86 (D) TOPOLOGY: linear
87
88
89 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
90
91 Tyr Pro Ala Phe Lys
92 1 5
93
94 (2) INFORMATION FOR SEQ ID NO:4:
95
96 (i) SEQUENCE CHARACTERISTICS:
97 (A) LENGTH: 5 amino acids
98 (B) TYPE: amino acid
99 (D) TOPOLOGY: linear

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100
101
102 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
103

104 Gln Ala Glu Val Ser
105 1 5
106

107 (2) INFORMATION FOR SEQ ID NO:5:
108

109 (i) SEQUENCE CHARACTERISTICS:
110 (A) LENGTH: 10
111 (B) TYPE: amino acid
112
113
114
115
116
117

118
119 (D) TOPOLOGY: linear
120
121

122 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
123

124 Pro Glu Glu Val Thr Arg Pro Asn Tyr Leu
125 1 5 10
126

127 (2) INFORMATION FOR SEQ ID NO:6:
128

129 (i) SEQUENCE CHARACTERISTICS:
130 (A) LENGTH: 9
131 (B) TYPE: amino acid
132 (D) TOPOLOGY: linear
133

134 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
135

136 Tyr Asp Val Pro Trp Asn Glu Thr Ile
137 1 5
138

139 (2) INFORMATION FOR SEQ ID NO:7:
140

141 (i) SEQUENCE CHARACTERISTICS:
142 (A) LENGTH: 10
143 (B) TYPE: amino acid
144 (D) TOPOLOGY: linear
145
146

147 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
148

149 Val Pro Pro Phe Glu Asn Ile Glu Leu Tyr
150 1 5 10
151

152 (2) INFORMATION FOR SEQ ID NO:8:

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153
154 (i) SEQUENCE CHARACTERISTICS:
155 (A) LENGTH: 11
156 (B) TYPE: amino acid
157 (D) TOPOLOGY: linear
158
159
160 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
161
162 Gly Gly Gln Pro Leu Trp Ile Thr Ala Thr Lys
163 1 5 10
164
165 (2) INFORMATION FOR SEQ ID NO:9:
166
167 (i) SEQUENCE CHARACTERISTICS:
168 (A) LENGTH: 16
169 (B) TYPE: amino acid
170 (D) TOPOLOGY: linear
171
172
173
174
175
176
177
178
179 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
180
181 Val Asn Ser Met Gln Thr Val Phe Val Gly Tyr Gly
182 1 5 10
183
184 Pro Thr Phe Lys
185 15
186
187 (2) INFORMATION FOR SEQ ID NO:10:
188
189 (i) SEQUENCE CHARACTERISTICS:
190 (A) LENGTH: 12
191 (B) TYPE: amino acid
192 (D) TOPOLOGY: linear
193
194
195 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
196
197 Asp Ile Glu His Leu Thr Ser Leu Asp Phe Phe Arg
198 1 5 10
199
200 (2) INFORMATION FOR SEQ ID NO:11:
201
202 (i) SEQUENCE CHARACTERISTICS:
203 (A) LENGTH: 23
204 (B) TYPE: amino acid
205 (D) TOPOLOGY: linear

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207

208

209 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

210

211 Thr Glu Phe Leu Ser Asn Tyr Leu Thr Asn Val Asp

212 1 5 10

213

214 Asp Ile Thr Leu Val Pro Glu Thr Leu Gly Arg

215 15 20

216

217

218 (2) INFORMATION FOR SEQ ID NO:12:

219

220 (i) SEQUENCE CHARACTERISTICS:

221 (A) LENGTH: 18

222 (B) TYPE: nucleic acid

223 (C) STRANDEDNESS: single

224 (D) TOPOLOGY: linear

225

226

227 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

228

229 GTTGGCAGCN ACRTGCCA

18

230

231

232

233

234

235

236

237

238 (2) INFORMATION FOR SEQ ID NO:13:

239

240 (i) SEQUENCE CHARACTERISTICS:

241 (A) LENGTH: 18

242 (B) TYPE: nucleic acid

243 (C) STRANDEDNESS: single

244 (D) TOPOLOGY: linear

245

246

247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:

248

249 TGGCAYGTNG CTGCCAAC

18

250

251 (2) INFORMATION FOR SEQ ID NO:14:

252

253 (i) SEQUENCE CHARACTERISTICS:

254 (A) LENGTH: 15

255 (B) TYPE: nucleic acid

256 (C) STRANDEDNESS: single

257 (D) TOPOLOGY: linear

258

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/249,182

DATE: 06/16/94
TIME: 11:23:51

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Line	Error	Original Text
41	Unknown or Misplaced Identifier	(C) DOCKET NUMBER: 2026-4149US1